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# 5th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Convection and Clouds | (smr 3952)

Tuesday 09 July 2024

**Conceptual models/shallow cumulus - Kastler Lecture Hall (AGH) (16:30-18:00)**

***Chairperson: Ben MAYBEE (University of Leeds, UK)***

| time  | title  | presenter        |
|-------|--|------------------|
| 16:30 | Progress in convection parameterization using multiscale and multicloud modeling constrained by observations | BOUALEM KHOUIDER |
| 17:00 | Formation of Shallow Cumulus Patterns Using a Warm Cloud- Precipitation Competition Model                    | MICHELLE KANIPE  |
| 17:15 | Cold Pools Mediate the Response of Trade Cumulus Fields to Cloud-Droplet Number Perturbations                | POURIYA ALINAGHI |
| 17:30 | Organisation in parcel-based simulations of cumulus clouds   | STEVEN BOEING    |
| 17:45 | Discussion   |                  |